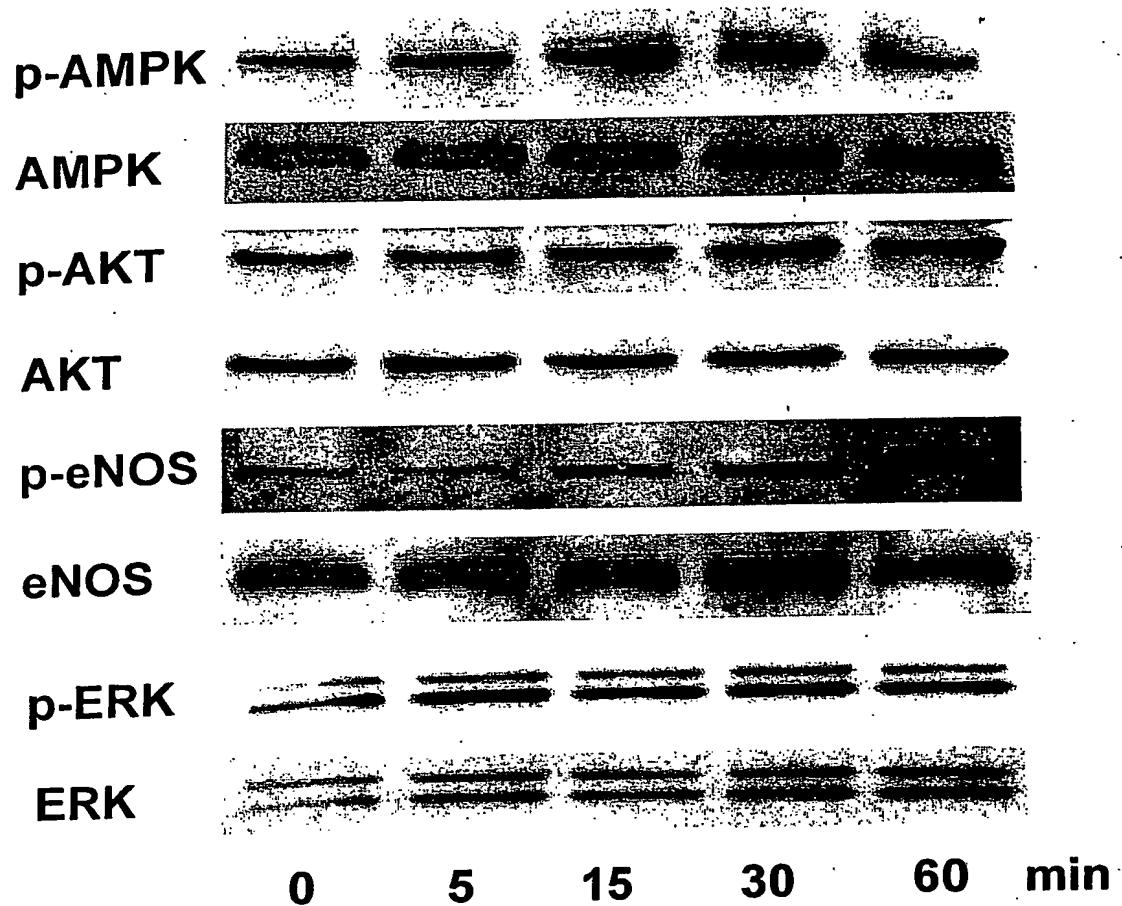
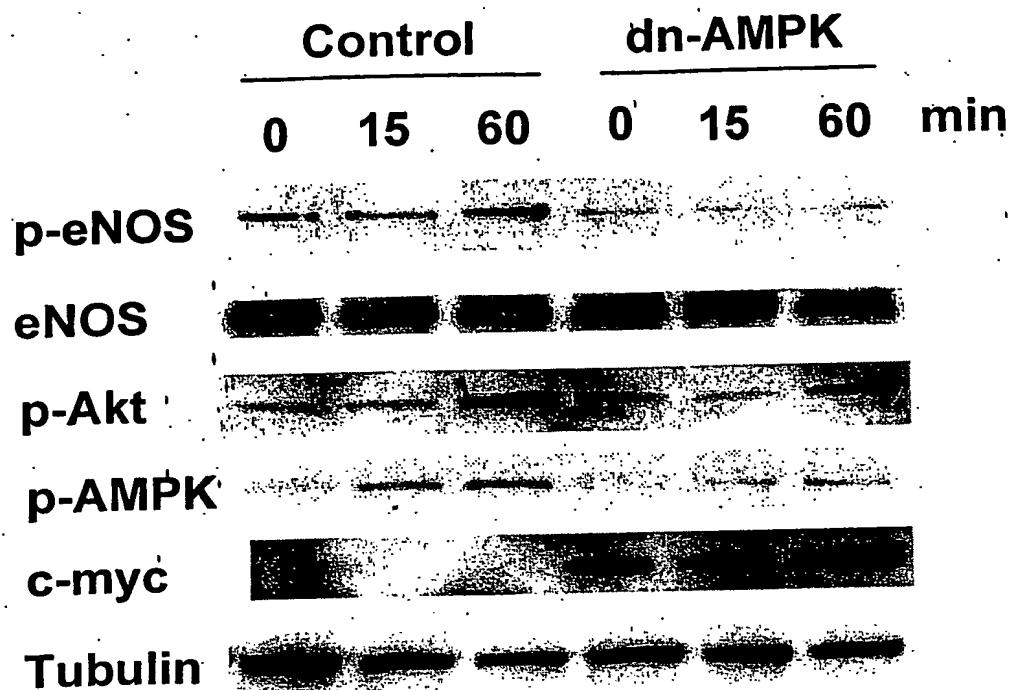
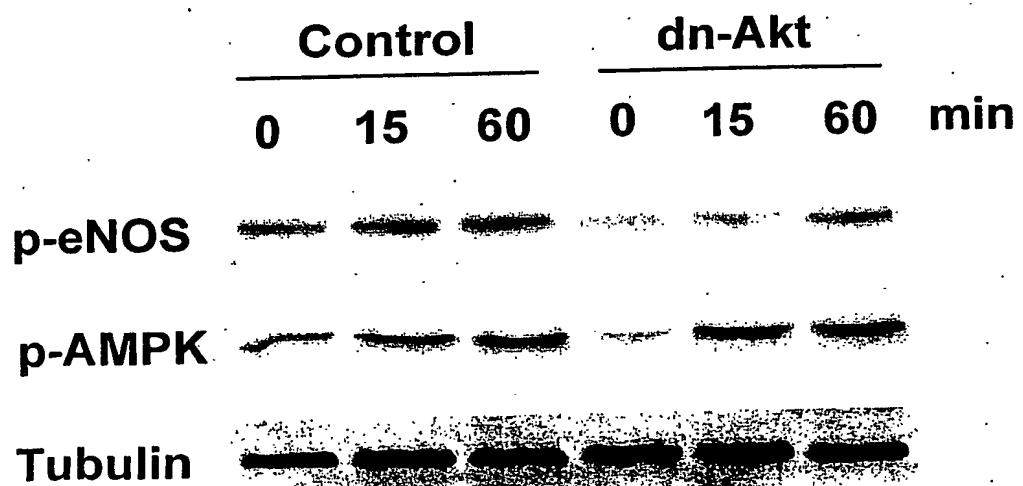
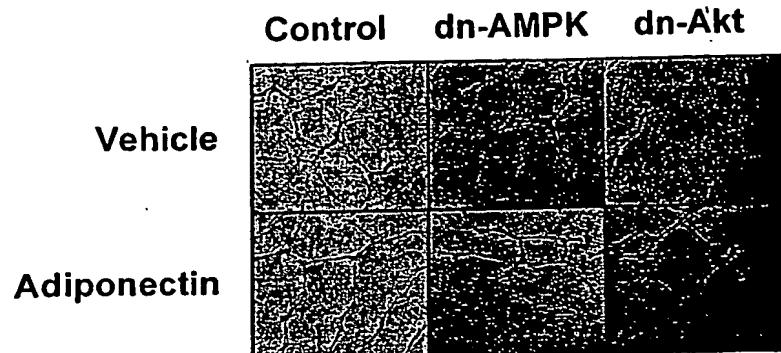
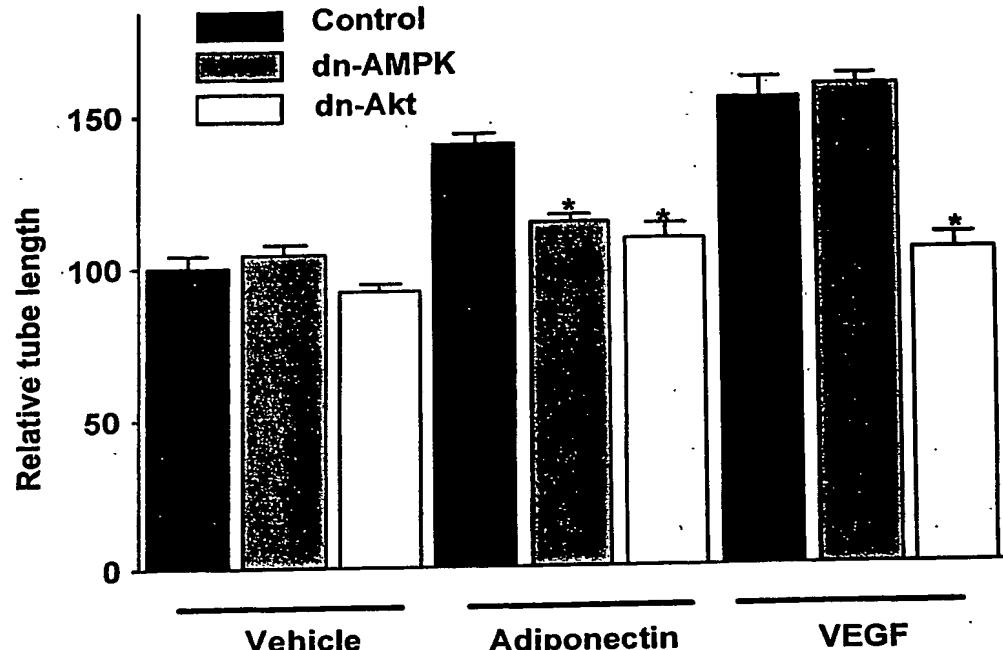
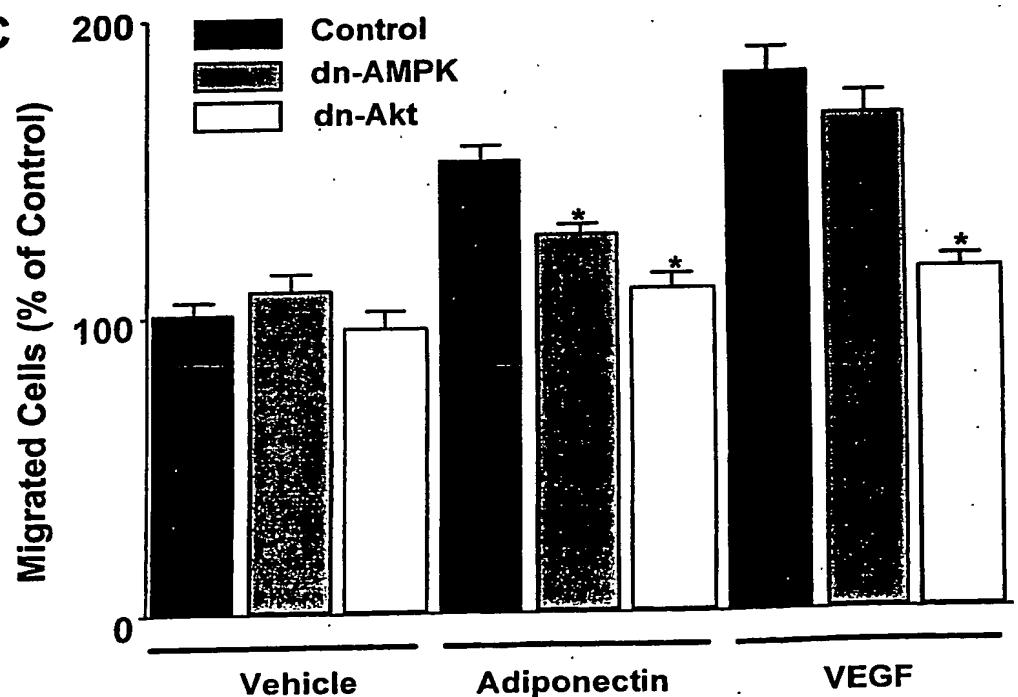


Fig. 1

A**Fig. 2**

B**C****Fig. 2**

A**B****C****Fig. 3**

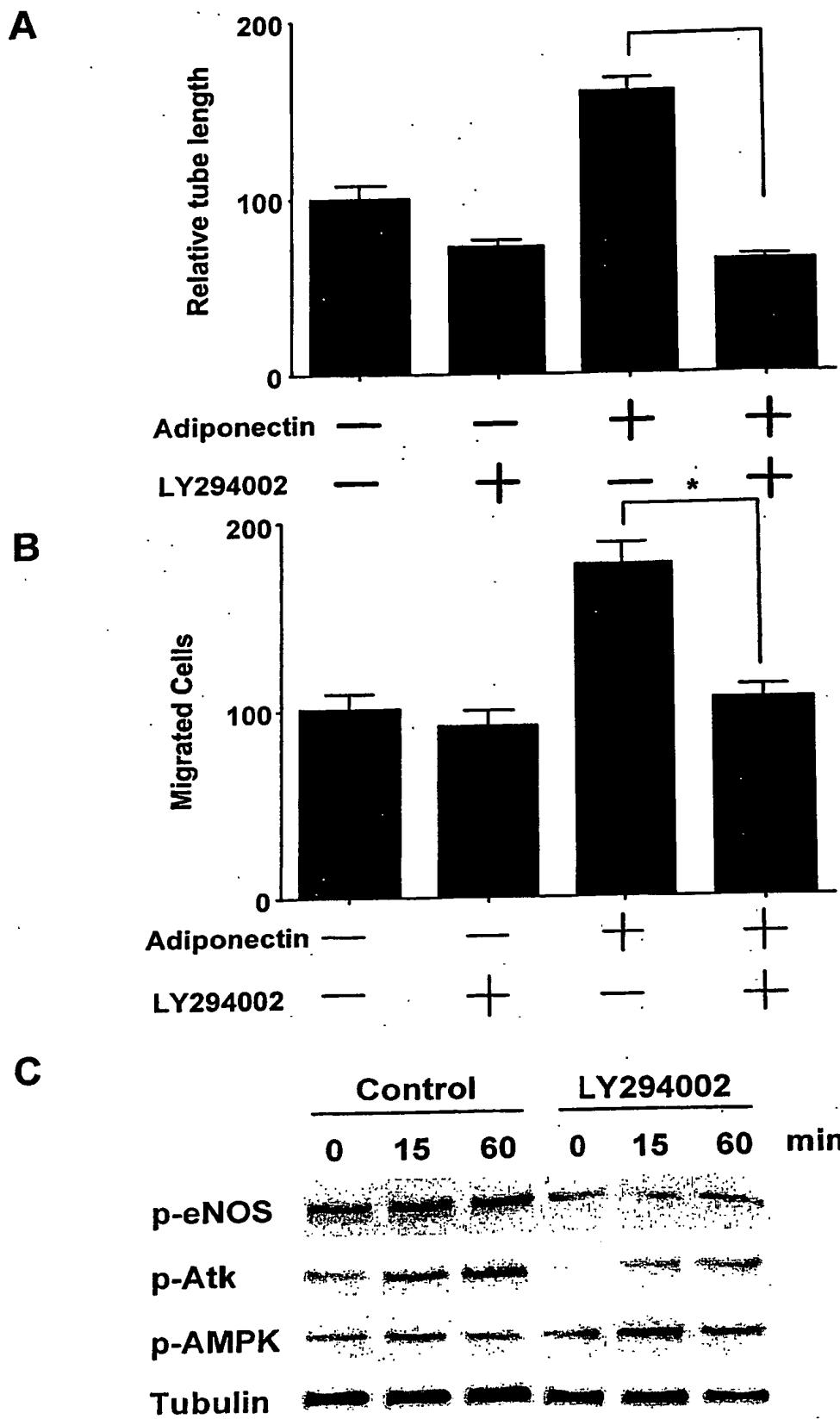


Fig. 4

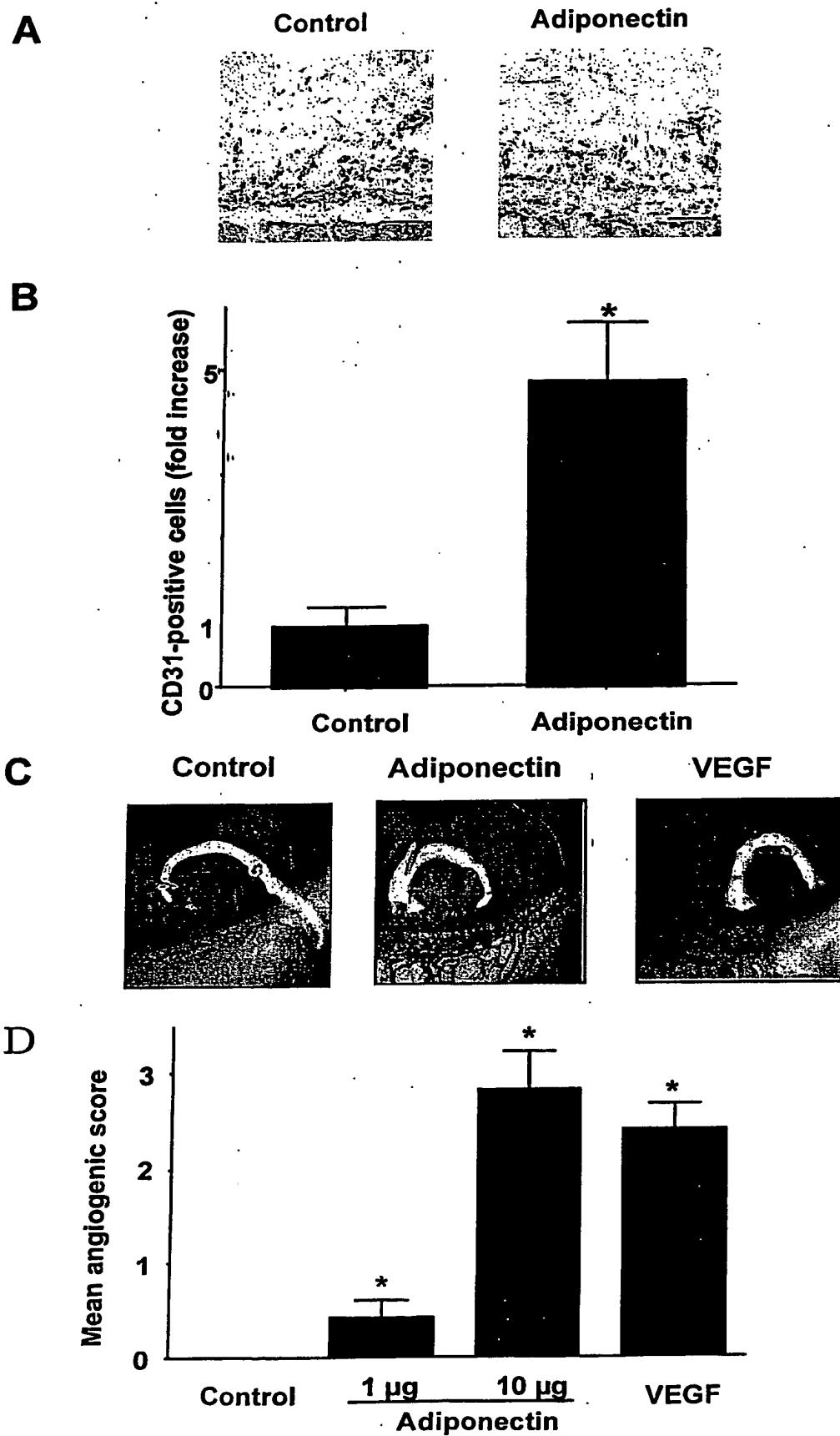


Fig. 5

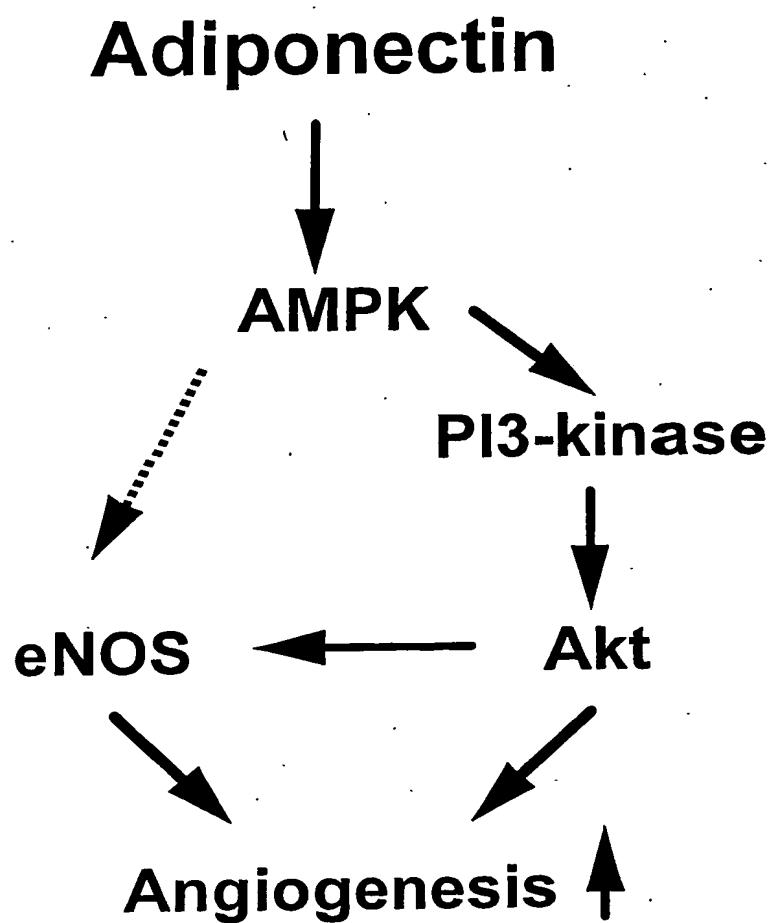


Fig. 6

Figure 7. Body weight, hemodynamic and echocardiographic measurements in WT and APN-KO mice at 7 days post-surgery.

(n=5)	BW (g)	HR (bpm)	sBP (mmHg)	LVEDD (mm)	LVESD (mm)	IVS (mm)	LVFW (mm)	FS (%)	LVPW/LVEDD
WT-sham	25.2±2.1	537±83	111±8	2.84±0.16	1.22±0.13	0.74±0.05	0.76±0.05	56.8±2.94	0.27±0.03
WT-TAC	25.6±1.9	562±68	195±5 ^c	3.20±0.29 ^a	1.65±0.35 ^a	1.02±0.08 ^a	1.06±0.05 ^a	48.3±8.11 ^a	0.34±0.04 ^a
APN KO-sham	25.3±1.6	551±43	116±3	2.92±0.08	1.26±0.15	0.72±0.08	0.74±0.05	56.9±7.43	0.25±0.02
APN KO-TAC	26.3±1.4	562±61	196±20 ^c	1.80±0.23 ^b	0.62±0.13 ^b	1.38±0.16 ^b	1.42±0.11 ^b	65.2±3.29 ^b	0.79±0.09 ^b

^aP<0.05 vs. WT-sham, ^bP<0.05 vs. WT-TAC, ^cP<0.01 vs. WT-sham

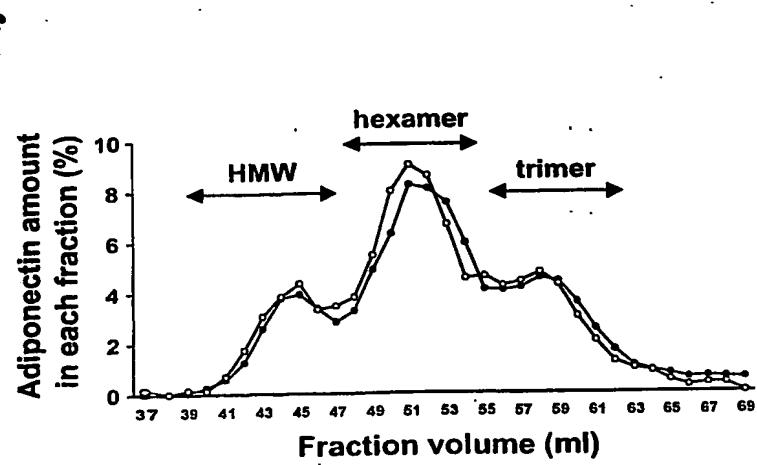
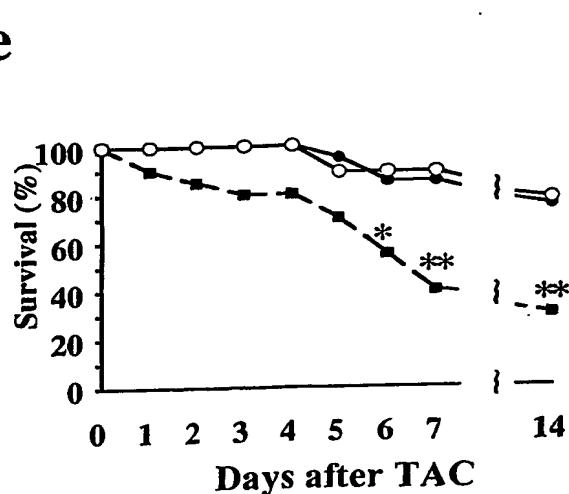
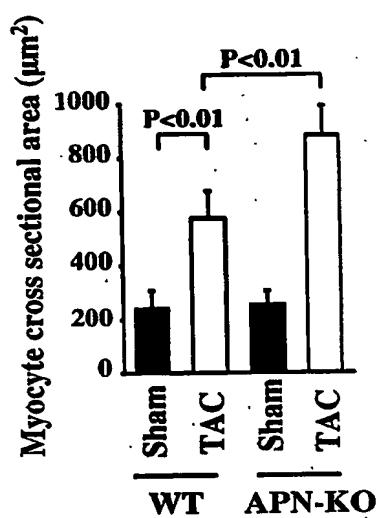
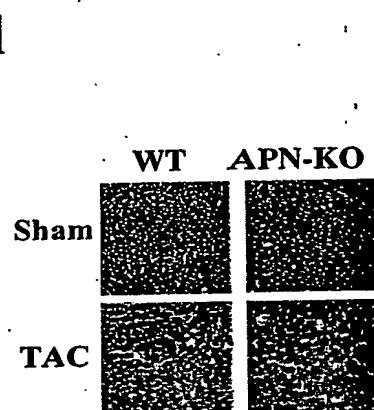
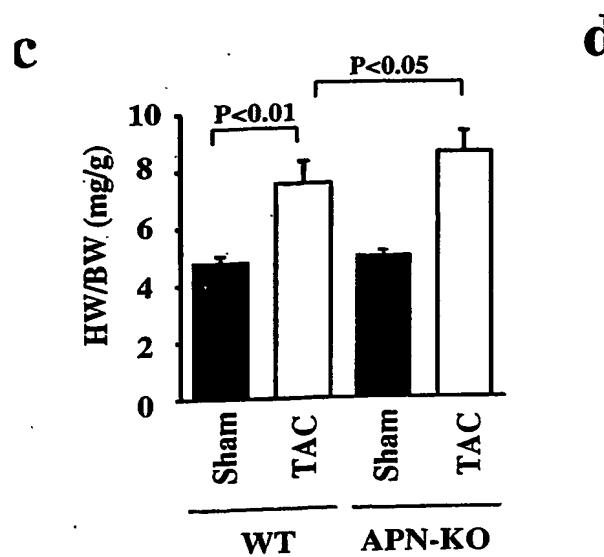
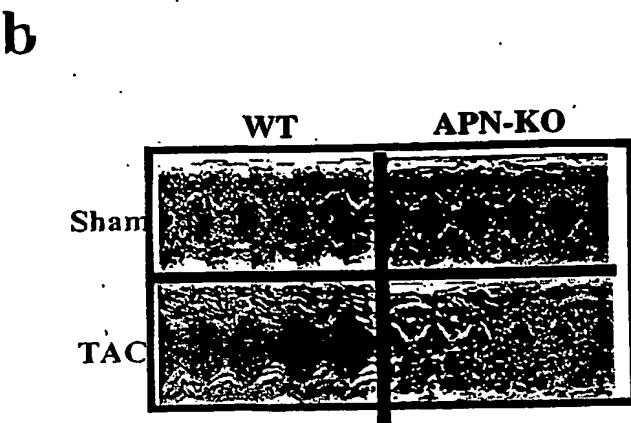
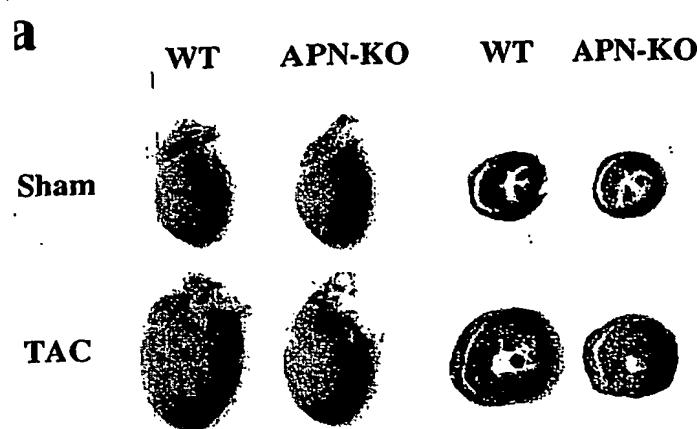
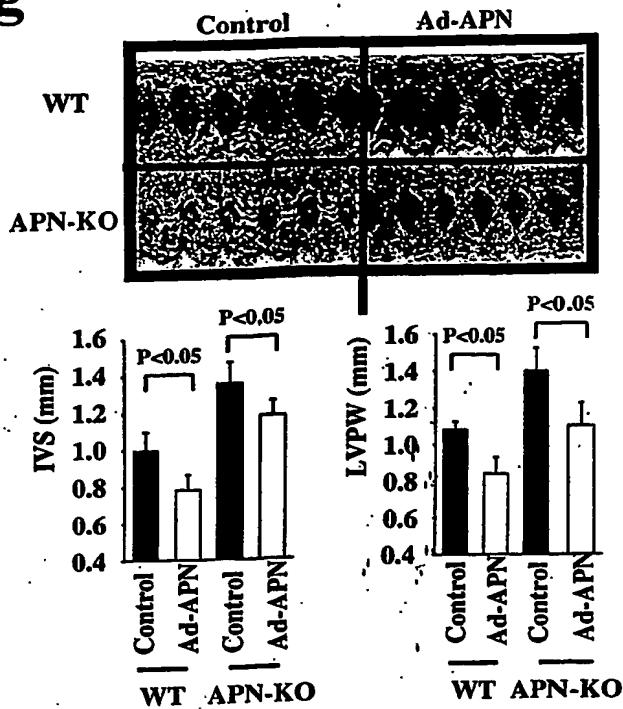
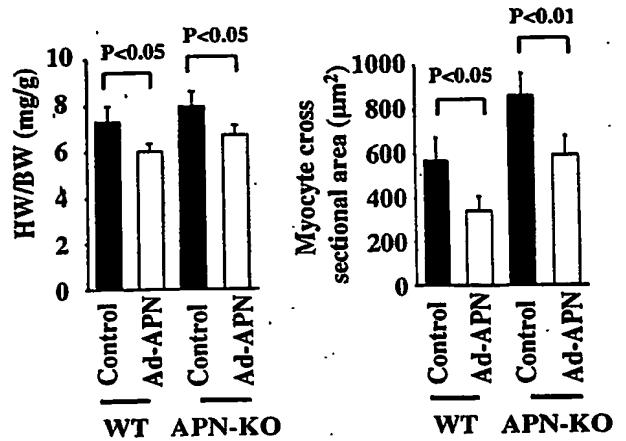
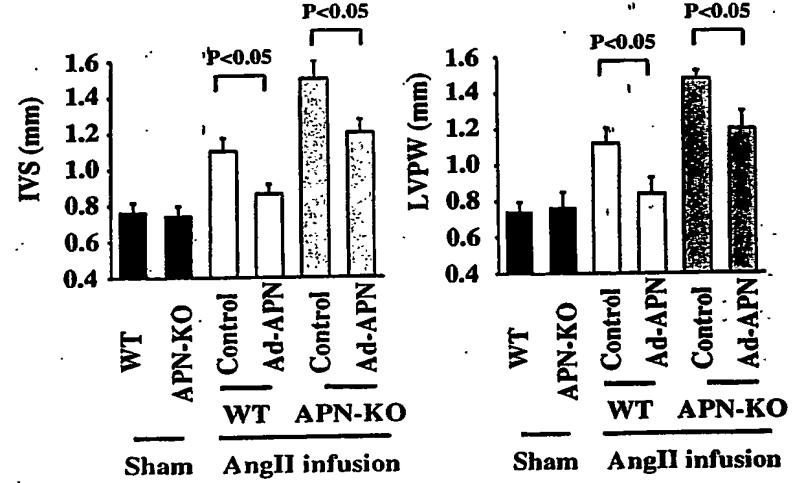
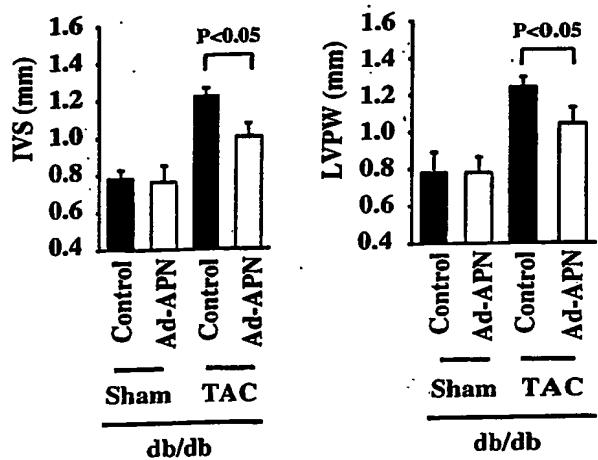
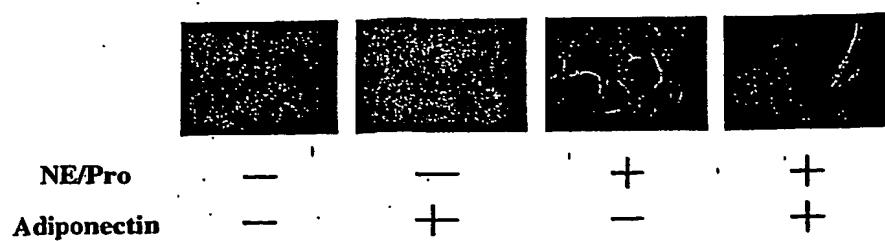
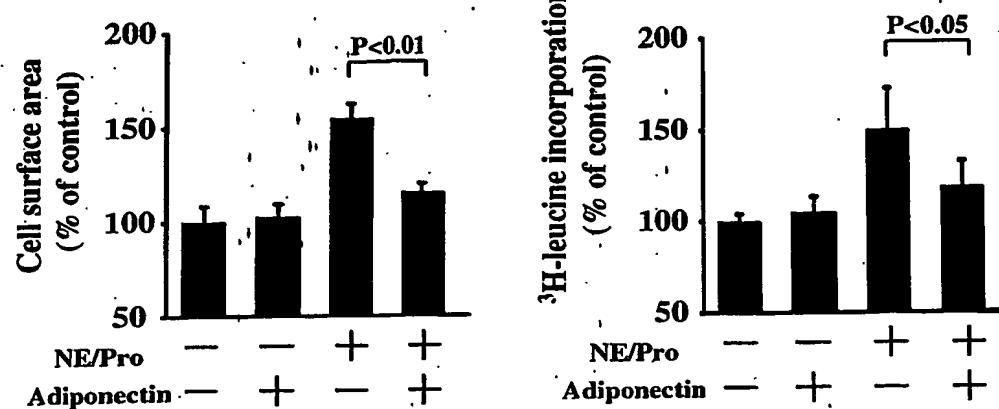
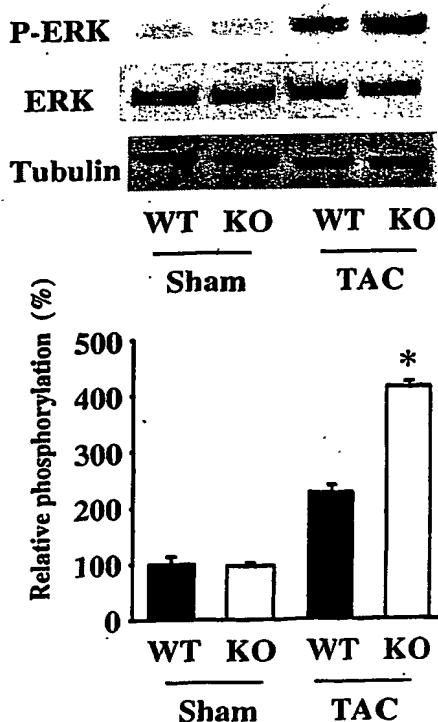
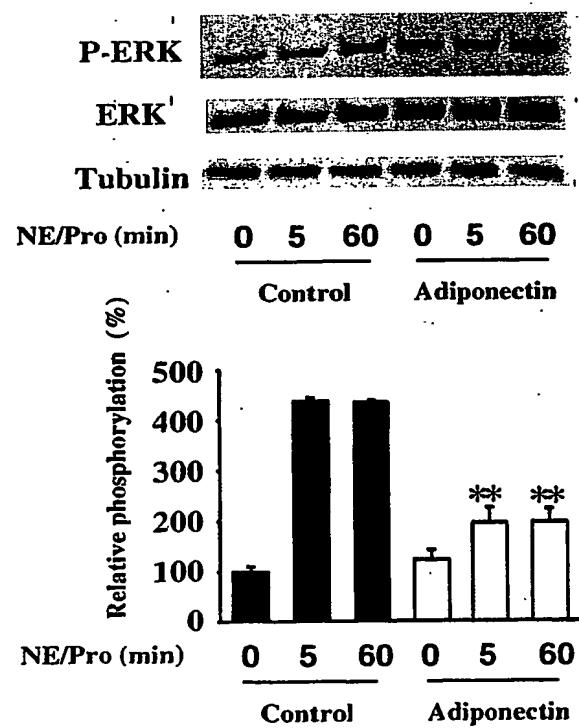


Fig. 8

i

**h****j****Fig. 8**

a**b****c****d****Fig. 9**

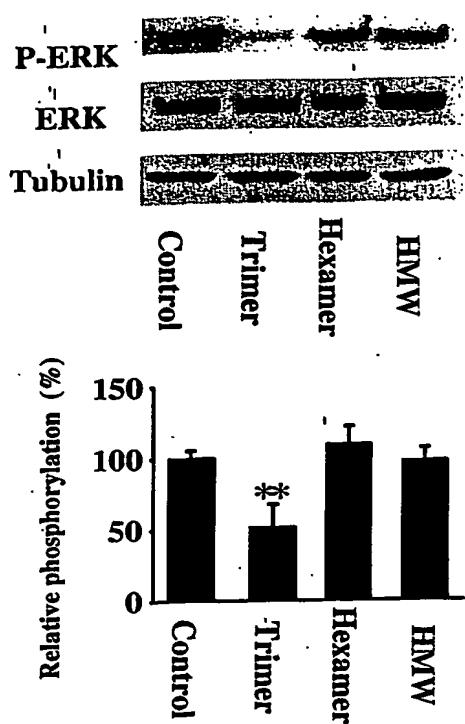
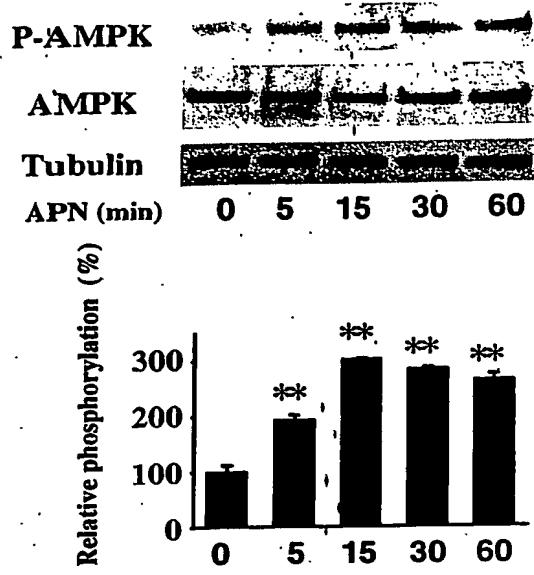
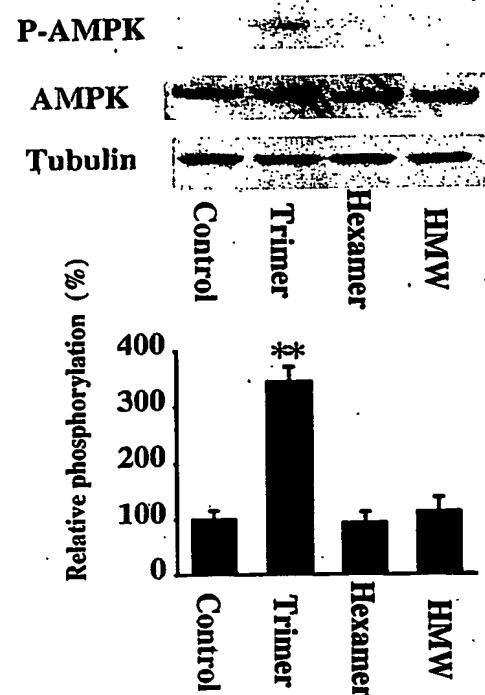


Fig. 9

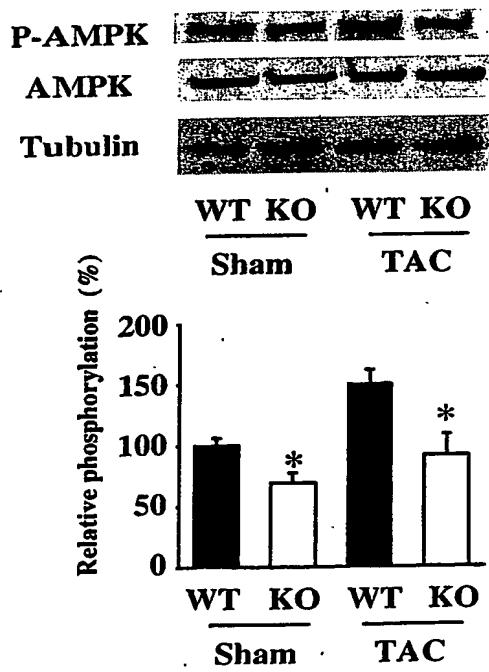
a



b



c



d

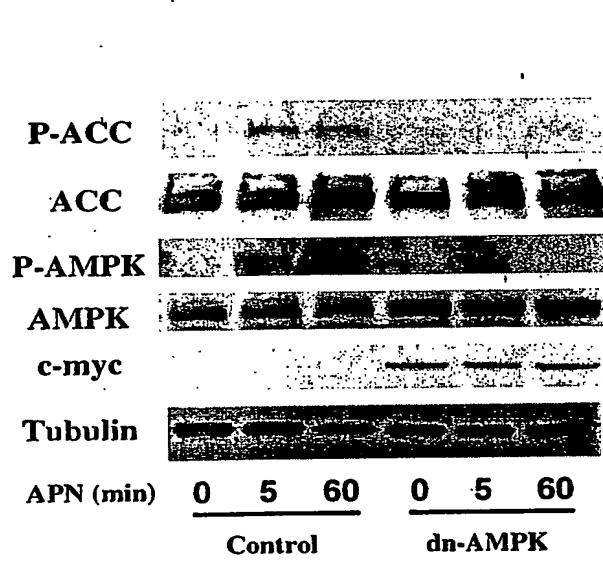
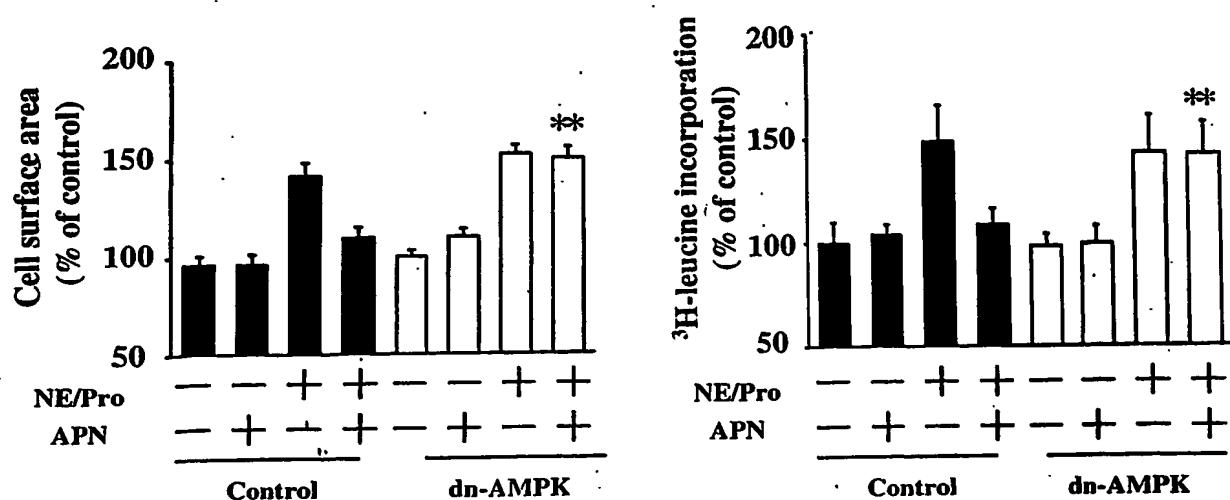


Fig. 10

e



f

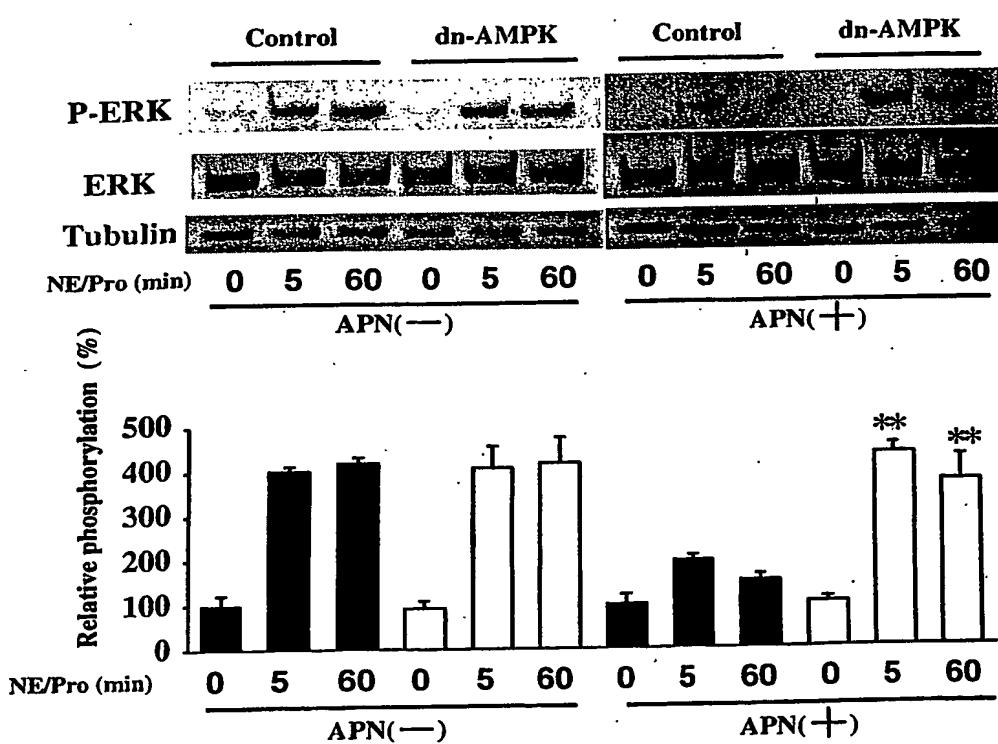


Fig. 10

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